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Contract

## **3900/JN/23 - Design and construction of an automated and compact mRNA GMP manufacturing system**

UNIVERSITY OF SHEFFIELD

F03: Contract award notice

Notice identifier: 2023/S 000-035736

Procurement identifier (OCID): ocds-h6vhtk-03fcef

Published 5 December 2023, 9:25am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

UNIVERSITY OF SHEFFIELD

THE UNIVERSITY OF SHEFFIELD, WESTERN BANK

SHEFFIELD

S102TN

#### **Contact**

James Noble

#### **Email**

[james.noble@sheffield.ac.uk](mailto:james.noble@sheffield.ac.uk)

#### **Country**

United Kingdom

#### **Region code**

UKE32 - Sheffield

**Companies House**

RC000667

**Internet address(es)**

Main address

<https://in-tendhost.co.uk/sheffield>

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Education

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

3900/JN/23 - Design and construction of an automated and compact mRNA GMP manufacturing system

Reference number

3900/JN/23

#### **II.1.2) Main CPV code**

- 73300000 - Design and execution of research and development

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

Zoltan Kis from the University of Sheffield's department of Chemical and Biological Engineering with funding from Innovate UK is seeking a supplier to collaborate on the creation of an automated and compact GMP manufacturing system. The provider will be responsible for the design and prototyping of a custom system in-order to support the group's drive towards GMP, automated RNA production.

#### **II.1.6) Information about lots**

This contract is divided into lots: No

#### **II.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £758,333.33

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UKE32 - Sheffield

#### **II.2.4) Description of the procurement**

Zoltan Kis from the University of Sheffield's department of Chemical and Biological Engineering with funding from Innovate UK is seeking a supplier to collaborate on the creation of an automated and compact GMP manufacturing system. The provider will be responsible for the design and prototyping of a custom system in-order to support the group's drive towards GMP, automated RNA production.

The high-level work required is:

- The provider will work with The Kis Group to generate an engineering specification that meets their bioprocess. To achieve this the provider must have a working understanding of standard bioprocess techniques and have hands-on laboratory experience.
- The provider will generate high-level concepts to be discussed and reviewed by The Kis Group.
- The provider will then work with The Kis Group to allocate specific sections of work packages between the provider and The Kis Group.
- The provider will start by completing work packages that automate each of the individual RNA production steps (IVT, purification, LNP formation). For each of these work packages the provider will design concepts, review them with The Kis Group, generate manufacture files and source parts.
- The provider will assist The Kis Group in testing the sub-system prototypes in the biology lab. The provider must therefore have a team member with experience in biology labs.
- After subsystems are validated the provider will be responsible for designing a complete integrated system. Following concept design the provider will generate manufacturing documents and source components. The provider will work with The Kis Group to validate the integrated system against key bioprocess outputs.

#### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 80

Price - Weighting: 20

#### **II.2.11) Information about options**

Options: No

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

### **IV.2) Administrative information**

#### **IV.2.1) Previous publication concerning this procedure**

Notice number: [2023/S 000-027301](#)

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## **Section V. Award of contract**

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

22 November 2023

#### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

#### **V.2.3) Name and address of the contractor**

Amodo Design Ltd

Unit 504, Workstation, 15 Paternoster Row

Sheffield

S1 2BX

Country

United Kingdom

NUTS code

- UKE32 - Sheffield

Companies House

13884325

The contractor is an SME

Yes

#### **V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £758,333.33

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

University of Sheffield

Sheffield

S10 2TN

Email

[james.noble@sheffield.ac.uk](mailto:james.noble@sheffield.ac.uk)

Country

United Kingdom

